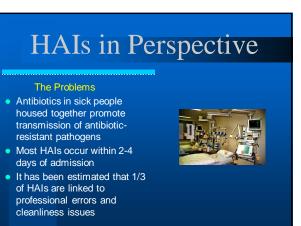
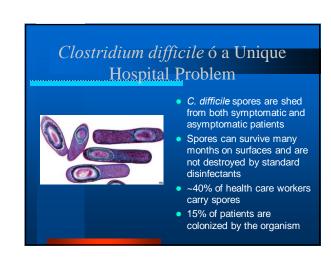
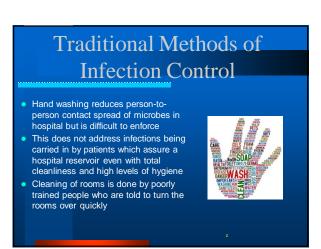
## Reexamining Hygiene in Modern Hospitals We Dongt Do Very Well! Herbert Buront, MD, MACP Director, Center for Infectious Diseases, University of Texas . Houston School of Public Health Mary W. Kelsey Distinguished Chair in Medical Sciences, University of Texas Medical School, Houston President, Kelsey Research Foundation Additional appointments as Professor: University of Texas and Bayfor Graduate Schools of Biomedical Science, MD Anderson Cancer Center, University of Houston











## Modern Methods of Infection Control



- We have to focus on both endogenous and exogenous pathogens
- Room cleaning needs to be performed by dedicated personnel
- UV radiation, gaseous plasma (hydroxyl and hydroproxyl free radicals) or hydrogen peroxide vapor may help
- Antibiotic stewardship
- The Hospital Microbiome Project takes an ecological approach to improve intestinal colonization resistance

## Conclusions: How to Modernize



- Require an accurate diagnosis of CDI and stop treatment if found negative
- Assume all patients and hospital personnel are *C. difficile*-positive
- Require that room cleaning be effective and that frequent and effective hand washing are performed
- Stay tuned to ongoing studies of disinfection of hospital environments